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FACTORIES

SOUTH AUSTRALIA

1966-67

SCOPE

This bulletin summarises information relating to factory operations and shows either in total or by class of factory details of numbers of factories and persons employed, the capacity of engines used, and the values of production, output, salaries and wages paid, land and buildings, plant and machinery, and costs of production.

DEFINITIONS

For the purpose of the collection from which these statistics are compiled a factory is defined as an establishment in which four or more persons are employed or where power driven machinery is used in any manufacturing, repairing, or assembling process.

The figures relating to employment include proprietors who work in their own businesses but exclude those persons engaged in selling or distribution.

Value of output is the value of the goods manufactured and includes bounty and subsidy payments and amounts received for repair work and work done on commission; it excludes excise duties and all delivery costs and charges.

Value of production is the value added to raw materials by the process of manufacture and is calculated by deducting from the value of output the value of materials used, power and fuel consumed, tools replaced, containers, and repairs to plant and buildings.

Value of land and buildings and value of plant and machinery include estimated amounts for rented premises and plant.

In tables where figures have been rounded, discrepancies between totals and sums of components are due to rounding.

COMMENT

The number of factories reporting details of operations in 1966-67 was 6,222, an increase of 2.6 per cent compared with a rise of 3.0 per cent in the previous year.

Average employment in factories during 1966-67 decreased by 0.10 per cent to 118,220; increases in 1964-65 and 1965-66 were 4.8 and 1.9 per cent respectively. Salaries and wages paid per employee rose by \$160 to \$2,880 for males and by \$82 to \$1,502 for females, being increases of 5.9 per cent for males and 5.8 per cent for females; in 1965-66 there were rises of 1.2 per cent and 3.5 per cent respectively.

The value of production rose from \$527,477,000 in 1965-66 to \$563,975,000 in 1966-67, an increase of 6.9 per cent compared with increases of 12.7, 16.7 and 5.8 per cent in 1963-64, 1964-65 and 1965-66. The largest increases during 1966-67 occurred in factories classified to the food and drink, and the chemicals and paints industries.

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TABLE 1 - FACTORY OPERATIONS, SOUTH AUSTRALIA

Particulars	1962-63	1963-64	1964-65	1965-66	1966-67
Number of establishments	5,766	5,826	5,887	6,065	6,222
Employment (a) - Males	86,655	90,933	94,690	96,194	96,076
Females	18,610	19,880	21,493	22,149	22,144
\$'000					
Value of -					
Salaries and wages paid -					
Males	197,821	215,127	245,565	252,260	266,640
Females	22,246	25,188	28,659	30,691	32,466
Materials used	466,238	558,884	620,682	647,311	675,737
Other costs of production (b)	68,694	75,547	87,560	95,751	105,447
Production	379,142	427,356	498,588	527,477	563,975
Output	914,074	1,061,786	1,206,830	1,270,539	1,345,159
Land and buildings	212,963	230,627	256,536	276,531	296,351
Plant and machinery	293,608	330,281	388,932	423,458	470,959

(a) Average employment over whole year, including working proprietors.

(b) Containers, tools replaced, repairs to plant and buildings, and power, fuel, etc., used.

TABLE 2 - NUMBER OF FACTORIES, EMPLOYMENT AND ENGINES IN USE, SOUTH AUSTRALIA, 1966-67

Industrial Class	Establishments	Employment (a)		Engines in Use (b)	
		Males	Females	Electric	Other
	Number			Horsepower	
Treatment of non-metal mine products	208	2,159	146	45,055	4,101
Bricks, pottery, glass, etc.	71	1,922	195	18,339	360
Chemicals, dyes, paints, etc.	110	2,798	500	30,037	13,837
Metals, machines, conveyances	3,190	61,165	8,156	380,591	42,483
Metals, machines, etc., includes -					
Plant, equipment, and machinery	303	10,562	1,962	49,061	126
Electrical engineering (c)	246	3,692	2,284	10,504	-
Other engineering	276	4,943	380	22,976	327
Construction and repair of vehicles -					
Motor vehicle repairs	1,471	6,807	544	12,116	185
Motor bodies	352	14,525	680	68,055	-
Other (incl. ships and boats)	154	7,300	579	35,075	55
Sheet metal working	137	2,843	687	10,894	9
Pipes, tubes, etc. (ferrous)	10	2,328	196	23,223	-
Textiles, etc. (not dress)	65	1,270	1,505	9,121	-
Skins and leather	40	854	141	5,897	33
Clothing (except knitted)	519	1,724	3,627	5,457	1
Food, drink, and tobacco	739	8,067	4,221	75,810	2,014
Sawmills, joinery, etc.	452	5,334	455	57,514	4,160
Furniture of wood, bedding, etc.	216	1,717	528	7,467	-
Paper, stationery, printing, etc.	195	4,229	1,425	38,100	1,302
Rubber	56	1,338	283	19,659	40
Heat, light, and power	34	1,754	26	n.a.	n.a.
Other	327	1,745	936	n.a.	n.a.
Total	6,222	96,076	22,144	705,858	70,865

(a) Average employment over whole year, including working proprietors.

(b) Excludes motors in reserve or idle, totalling 63,659 H.P., motors driven by electricity generated in own works, and motors used in central electric stations to drive generators.

(c) Includes radio, television, etc.

n.a. Not available.

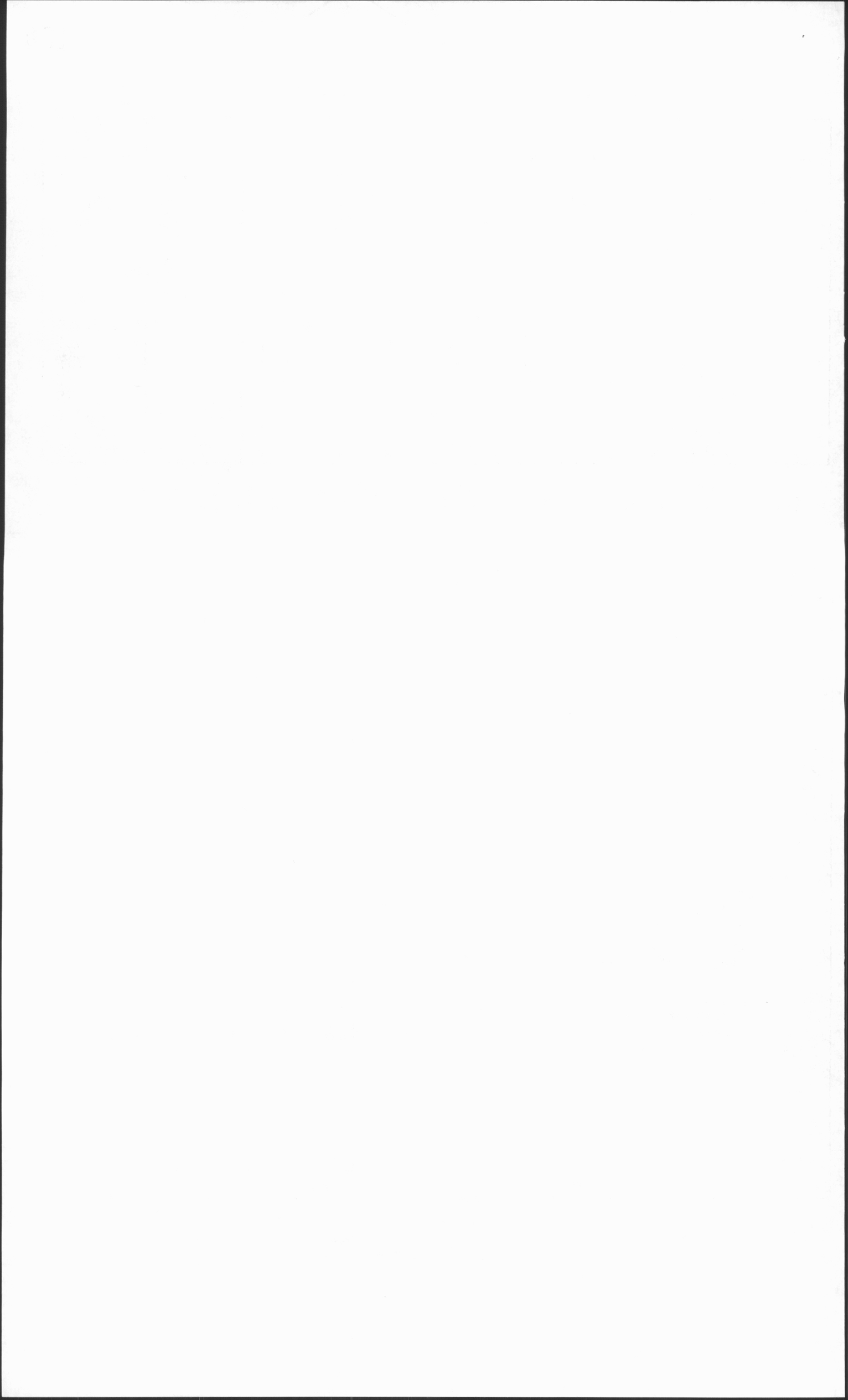


TABLE 3 - FACTORY OPERATIONS, INDUSTRIAL CLASSES, SOUTH AUSTRALIA, 1966-67

Industrial Class	Salaries and Wages Paid	Costs of Production		Value of Production	Value of Output	Land and Buildings	Plant and Machinery
		Materials Used	Other (a)				
				\$'000			
Treatment of non-metal mine products	6,560	16,059	4,394	17,747	38,200	10,317	18,021
Bricks, pottery, glass, etc.	5,684	4,888	2,680	10,848	18,416	5,806	7,569
Chemicals, dyes, paints, etc.	9,640	56,636	10,433	39,852	106,921	10,604	34,565
Metals, machines, conveyances	184,115	385,393	41,574	306,402	733,368	153,568	230,776
Metals, machines, etc., includes -							
Plant, equipment, and machinery	32,834	53,214	4,601	54,588	112,404	21,058	14,215
Electrical engineering (b)	13,722	21,525	1,506	22,382	45,413	11,769	4,395
Other engineering	14,149	15,417	1,115	20,397	36,929	9,983	9,074
Construction and repair of vehicles -							
Motor vehicle repairs	14,562	17,101	910	24,623	42,633	20,248	4,168
Motor bodies	44,553	133,861	6,413	70,123	210,397	42,248	46,836
Other (incl. ships and boats)	22,492	39,697	1,948	34,640	76,285	9,800	10,569
Sheet metal working	8,540	18,349	1,089	14,886	34,324	7,040	4,199
Pipes, tubes, etc.	7,710	11,961	1,718	13,031	26,710	4,217	3,769
Textiles, etc. (not dress)	6,019	10,920	1,208	11,461	23,590	4,658	4,244
Skins and leather	2,614	10,365	797	3,615	14,777	1,385	1,313
Clothing (except knitted)	8,536	9,157	857	14,840	24,854	7,535	3,789
Food, drink, and tobacco	28,354	106,583	24,914	65,126	196,623	38,979	30,423
Sawmills, joinery etc.	12,628	25,860	1,872	23,229	50,961	11,191	9,610
Furniture of wood, bedding, etc.	4,321	8,370	269	8,010	16,648	4,641	1,326
Paper, stationery, printing, etc.	14,465	22,398	3,332	28,048	53,778	17,190	31,457
Rubber	4,638	7,380	1,013	8,950	17,342	4,166	5,902
Heat, light and power	5,715	2,554	11,173	14,161	27,889	20,876	88,926
Other	5,814	9,175	932	11,686	21,792	5,435	3,038
Total	299,105	675,737	105,447	563,975	1,345,159	296,351	470,959

(a) Containers, tools replaced, repairs to plant and buildings, and power, fuel, etc., used.

(b) Includes radio, television, etc.

TABLE 4 - EMPLOYMENT IN FACTORIES AT 30 JUNE, SOUTH AUSTRALIA

Particulars	1962-63	1963-64	1964-65	1965-66	1966-67
Working proprietors -					
Males	3,426	3,367	3,376	3,439	3,495
Females	677	683	611	535	531
Wage and salary earners -					
Under 16 yrs - Males	893	677	528	471	386
Females	872	721	539	471	433
16 - 20 yrs - Males	8,816	9,675	10,143	10,487	10,566
Females	4,646	5,119	5,644	5,376	5,147
21 yrs and over - Males	75,237	79,176	82,621	81,094	81,681
Females	12,483	13,714	15,065	15,259	15,641
Total	107,050	113,132	118,527	117,132	117,880

TABLE 5 - PERSONS EMPLOYED IN FACTORIES, SOUTH AUSTRALIA (a)

Industrial Class	1962-63	1963-64	1964-65	1965-66	1966-67
Treatment of non-metal mine products	2,282	2,325	2,382	2,321	2,305
Bricks, pottery, glass, etc.	2,225	2,203	2,264	2,277	2,117
Chemicals, dyes, paints, etc.	2,944	3,215	3,244	3,296	3,298
Metals, machines, conveyances	60,470	64,479	68,516	69,592	69,321
Metals, machines, etc. includes -					
Plant, equipment, and machinery	10,733	11,364	12,500	12,928	12,524
Electrical engineering (b)	4,700	5,184	5,517	5,597	5,976
Other engineering	4,783	5,045	5,278	5,378	5,323
Construction and repair of vehicles -					
Motor vehicle repairs	6,742	7,158	7,443	7,277	7,351
Motor bodies	13,072	14,626	16,076	15,782	15,205
Other (incl. ships and boats)	7,914	7,964	7,442	7,651	7,879
Sheet metal working	3,080	3,322	3,560	3,702	3,530
Pipes, tubes, etc. (ferrous)	2,209	2,391	2,668	2,690	2,524
Textiles, etc. (not dress)	2,533	2,522	2,685	2,807	2,775
Skins and leather	1,164	1,203	1,035	1,015	995
Clothing (except knitted)	5,098	5,312	5,471	5,397	5,351
Food, drink, and tobacco	11,241	11,614	11,914	12,324	12,288
Sawmills, joinery, etc.	5,311	5,457	5,791	5,934	5,789
Furniture of wood, bedding, etc.	2,191	2,332	2,226	2,301	2,245
Paper, stationery, printing, etc.	4,868	4,986	5,178	5,452	5,654
Rubber	1,148	1,248	1,328	1,515	1,621
Heat, light, and power	1,963	1,933	1,932	1,764	1,780
Other	1,827	1,984	2,217	2,348	2,681
Total	105,265	110,813	116,183	118,343	118,220

(a) Average employment over whole year, including working proprietors.

(b) Includes radio, television, etc.

TABLE 6 - CLASSIFICATION OF FACTORIES BY NUMBER OF PERSONS EMPLOYED, SOUTH AUSTRALIA

Number of Employees	1962-63	1963-64	1964-65	1965-66	1966-67
	Number of Factories				
Under 5	3,165	3,143	3,205	3,380	3,490
From 5 to 10	1,228	1,259	1,218	1,180	1,215
From 11 to 20	621	636	650	681	687
From 21 to 50	429	446	462	464	476
From 51 to 100	171	184	186	191	189
Over 100	152	158	166	169	165
Total number of factories	5,766	5,826	5,887	6,065	6,222

TABLE 7 - COSTS OF PRODUCTION IN FACTORIES, SOUTH AUSTRALIA

Particulars	1962-63	1963-64	1964-65	1965-66	1966-67
	\$'000				
Materials Used	466,238	558,884	620,682	647,311	675,737
Containers	20,447	21,806	24,790	26,449	27,587
Tools replaced and repairs to plant and buildings	16,175	18,969	23,474	25,236	26,558
Electricity	9,970	11,212	12,555	13,794	14,505
Gas	595	650	703	967	1,770
Lubricating oil and water	1,712	1,971	2,222	2,535	2,708
	Tons				
Coal (a) - Leigh Creek	1,382,095	1,556,986	1,857,634	1,926,672	2,089,916
Other	419,714	376,866	342,449	287,559	244,068
Coke (a)	329,610	315,322	288,840	389,559	656,005
Wood	249,124	273,172	243,409	260,712	247,471
Fuel oils (inc. tar fuel)(a)	310,100	401,291	496,735	625,748	644,359

(a) Includes quantities classified as materials used.

TABLE 8 - VALUE OF FACTORY PRODUCTION, SOUTH AUSTRALIA

Industrial Class	1962-63	1963-64	1964-65	1965-66	1966-67
	\$'000				
Treatment of non-metal mine products	14,729	16,766	17,952	17,807	17,747
Bricks, pottery, glass, etc.	9,698	10,650	11,575	11,115	10,848
Chemicals, dyes, paints, etc.	20,694	26,420	33,116	35,263	39,852
Metals, machines, conveyances	203,585	226,582	273,902	294,482	306,402
Metals, machines, etc., includes -					
Plant, equipment, machinery	35,799	41,045	48,414	55,323	54,588
Electrical engineering (a)	16,369	17,456	20,086	19,820	22,382
Other engineering	15,325	16,461	18,668	19,996	20,397
Construction and repair of vehicles -					
Motor vehicle repairs	17,534	19,725	22,413	23,383	24,623
Motor bodies	43,203	48,861	63,517	73,072	70,123
Other (incl. ships and boats)	23,990	25,449	26,851	31,012	34,640
Sheet metal working	10,569	12,968	15,094	16,237	14,886
Pipes, tubes, etc. (ferrous)	9,651	11,780	14,556	12,430	13,031
Textiles, etc. (not dress)	7,696	8,439	9,698	9,796	11,461
Skins and leather	3,441	3,595	3,564	3,954	3,615
Clothing (except knitted)	11,013	11,749	12,162	12,965	14,840
Food, drink, and tobacco	41,402	46,860	52,765	55,691	65,126
Sawmills, joinery, etc.	16,905	19,079	22,023	23,012	23,229
Furniture of wood, bedding, etc.	6,521	7,151	7,173	7,696	8,010
Paper, stationery, printing, etc.	19,311	21,709	23,561	25,939	28,048
Rubber	5,579	6,646	6,799	6,996	8,950
Heat, light, and power	12,758	14,507	15,560	(b)13,687	(b)14,161
Other	5,810	7,203	8,737	9,075	11,686
Total	379,142	427,356	498,588	527,477	563,975

(a) Includes radio, television, etc.

(b) Prior to 1965-66 included the value of certain distribution processes estimated for 1965-66 at \$2 million.

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